



Virginia Department of Health Division of Tuberculosis Control 2003 Tuberculosis Statistics

*Providing leadership in
overcoming barriers to protect the
people of Virginia from tuberculosis*

332 confirmed, active TB
disease cases

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Increase of 5.4% from 2002
(315 cases)

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9.3% of the cases had previous
TB disease

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69% of the total foreign born
TB cases were in the Northern
Virginia region

TB/HIV Co-INFECTION

21 cases, an increase of
62% from 2002

✓ This fact sheet provides a
categorical summary of the
2003 statistics for TB disease.

A "TB case" is a person
with confirmed, active TB
disease.

TB is reportable, but TB
infection, also referred to as
Latent TB Infection (LTBI), in
adults is not.

"Foreign-born" is defined as
a TB case living in the US,
but born outside the US or
its territories.

AGE DISTRIBUTION

<u>Age Range</u>	<u>TB Cases (%)</u>
0-14 years.....	19 (5.7)
15-24 years.....	47 (14.2)
25-44 years.....	115 (34.6)
45-64 years.....	89 (26.8)
65 and older.....	62 (18.7)

- 181 (54.5%) cases of TB were in persons below the age of 45, an increase of 9% from 2002
- 115 (34.6%) cases of TB were in persons 25-44 years, an economically productive group

Among this group, 64% were employed, 21% unemployed
- 62 cases (18.7%) of TB were in persons 65 and older, a decrease of 6% from 2002

DRUG RESISTANCE

- 34 (13.6%) of the cases were resistant to at least one drug
- 19 (55.9%) of the 34 cases had single drug resistance
- 24 (70.6%) of the 34 cases had INH resistance
- Cases ranged in ages from 19-88 years, with the mean of 39 years
- 2 cases of MDR-TB in 2003, a 50% decrease from 2002 (4 cases)

GEOGRAPHIC DISTRIBUTION

<u>Central Region</u>	•	<u>Eastern Region</u>	•	<u>Northern Region</u>
65 cases (19.6%)	•	59 cases (17.8%)	•	157 cases (47.3%)
44% increase from 2002	•	11% increase from 2002	•	11% decrease from 2002
<u>Northwest Region</u>	•	<u>Southwest Region</u>	•	
29 cases (8.7%)	•	22 cases (6.6%)	•	
93% increase from 2002	•	12% decrease from 2002	•	

Tuberculosis is an equal opportunity disease.

1. *Know the risk factors for acquiring TB infection.*
Risk factors include being a close contact of a person with TB disease; having lived in a country where TB is common; being homeless; injecting illicit drugs
2. *Know the risk factors for developing TB disease.*
Some risk factors include recent infection with TB; HIV positive status; history of inadequately treated TB; injection of illicit drugs; immunosuppressive therapy
3. *Know the clinical symptoms of TB disease.*
Productive cough for more than 3 weeks; unexplained fever; hemoptysis; unexplained weight loss; unexplained chest pain; anorexia; night sweats; fatigue
4. *Contact your health department for more information.*

COUNTRY OF ORIGIN

- 207 (62.3%) foreign-born TB cases; an increase of 9.6% from 2002 (189 cases)

Before 2000, less than 50% of the cases in Virginia were born outside the US
- 58.5% of the cases arrived in the US less than 5 years ago
- 48 countries of origin, and 20 primary languages spoken, other than English